

WHAT IS CLAIMED IS:

1. A storage system having a storage and a controller,
wherein

said storage has an interface connecting said
5 storage to a storage of another storage system via a
communication line, and a remote copy module
transferring predetermined data to the storage of said
another storage system via said communication line, not
via said controller, based on a data transfer command
10 from said controller,

said controller has a remote copy control module
transmitting, to said remote copy module, at reception
of a notification of account movement from an account
monitor module monitoring the change of an account
15 attribute with said account movement, a data transfer
command for transferring predetermined data stored into
said storage via said communication line to said
another storage system.

2. The storage system according to claim 1, wherein
20 said remote copy control module transmits, to said
remote copy module, at reception of said account
movement notification from said account monitor module,
a data transfer command for transferring data
corresponding to a moved account to said another
25 storage system,

said remote copy module transfers the data
corresponding to said account to said another storage
system based on said data transfer command.

3. The storage system according to claim 1, wherein
said remote copy control module transmits, to said
remote copy module, at reception of said account
movement notification from said account monitor module
5 and an ID indicating a storage system storing data
corresponding to a moved account, a data transfer
command for transferring the data corresponding to the
moved account to the storage system corresponding to
the ID indicated by said storage system,

10 said remote copy module transfers the data
corresponding to said account to the storage system
corresponding to the ID indicated by said storage
system based on said data transfer command.

4. The storage system according to claim 1, wherein
15 said remote copy control module specifies, at reception
of said account movement notification from said account
monitor module, a storage system storing data
corresponding to a moved account to transmit, to said
remote copy module, a data transfer command for
20 transferring, to said specified storage system, the
data corresponding to the moved account,

 said remote copy module transfers the data
corresponding to said account to said specified storage
system based on said data transfer command.

25 5. The storage system according to claim 1, wherein
said remote copy control module creates pseudo
difference information in which the data corresponding
to said account is erased only from the storage on the

transferring side to command said remote copy module to data transfer said difference information.

6. The storage system according to claim 1, wherein said account is a user ID, and an attribute of said
5 account is information related to belonging to said user.

7. The storage system according to claim 1, wherein said account is an application ID, and an attribute of said account is information related to an application
10 environment.

8. The storage system according to claim 1, wherein said remote copy control module issues, to said management computer, at reception of an account movement notification from said account monitor module,
15 an inquiry whether predetermined data stored into said storage may be data transferred via said communication line to said another storage system to decide whether said data transfer command is transmitted to said remote copy module based on a response to said inquiry
20 from said management computer.

9. The storage system according to claim 8, wherein said controller further has a performance monitor module monitoring a performance value for each component in said storage system to transmit the
25 monitored performance value to a management computer.

10. The storage system according to claim 1, wherein said account monitor module is provided in said controller.

11. A management program for allowing a management computer managing a plurality of storage systems having a storage and a controller to execute:

5 a policy of receiving a notification of account movement from an account monitor module monitoring the change of an account attribute with said account movement; and

10 a policy of transmitting, to a storage system related as the account moving side, at reception of said account movement notification, a data transfer command for transferring, to a storage system related as the account moved side, predetermined data stored into said storage via a communication line connecting the storages of said plurality of storage systems, not
15 via said controller.

12. The management program according to claim 11, which allows said management computer to further execute a step of deciding whether a data transfer command of said command module is transmitted based on a condition
20 about data transfer.

13. The management program according to claim 12, which allows said management computer to further execute a policy of receiving said condition about data transfer from a manager.

25 14. The management program according to claim 12, which allows said management computer to further execute:

a policy of acquiring a performance value for each component in said storage system; and

a policy of deciding whether a data transfer
command of said command module is transmitted based on
the performance value for each component in said
storage system and said condition about data transfer
5 in place of said decision policy.

15. The management program according to claim 12,
wherein said condition about data transfer includes a
condition for deciding data transfer or data untransfer
based on information indicating the locations of the
10 said storage systems on the moving and moved sides of
an attribute of said account.